

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Amendments shown by strikethrough (for deleted matter) or underlining (for added matter).

1. (currently amended) A system for detachable joining of at least first and second beams of rectangular cross-section comprising:

a. for ~~each~~ said first beam to be joined, ~~two or more~~ a first pair of fixing plates mountable ~~in pairs~~ on opposite sides of a said first beam and fixable along a said first beam by a friction ~~joint~~ maintained by tightening bolts, each one of the fixing plates comprising an first inner surface adapted to face said first beam, ~~the extent of which in at least one direction corresponds to a multiple of one beam width~~, and an second outer surface, which is adapted to face away from a said first beam,

b. for said second beam to be joined, a second pair of fixing plates mountable on opposite sides of said second beam and fixable along said second beam by friction maintained by tightening bolts, each one of the fixing plates comprising an inner surface adapted to face said second beam, and an outer surface, which is adapted to face away from said second beam,

~~and which is~~ an outer surface of said first pair of fixing plates being bearable against the ~~second surface of a fixing plate in a different~~ an outer surface of said second pair of fixing plates when ~~two or more~~ said first and second beams are arranged to be joined in perpendicular ~~and/or~~ parallel directions, the relative positions of said first and second pairs of fixing plates ~~in different pairs~~ being fixed by locking elements in recesses in said ~~second facing~~ outer surfaces of the said first and second fixing plates, said locking elements also anchoring the tightening bolts.

2. (currently amended) A The system according to claim 1, wherein the locking elements are made of inner threaded sleeves.

3. (currently amended) A The system according to claim 2, wherein each fixing plate

comprises projections arranged at each corners of the fixing plate.

4. (cancelled)

5. (currently amended) A The system according to claim 3, wherein wedges, extending from the projections are arranged to fix the position of the beams in a transverse direction in the friction joint, whereby a shape determined locking of the beams is achieved.

6. (currently amended) A The system according to claim 2, wherein the sleeves have longitudinal slots.

7. (cancelled)